

07/352530

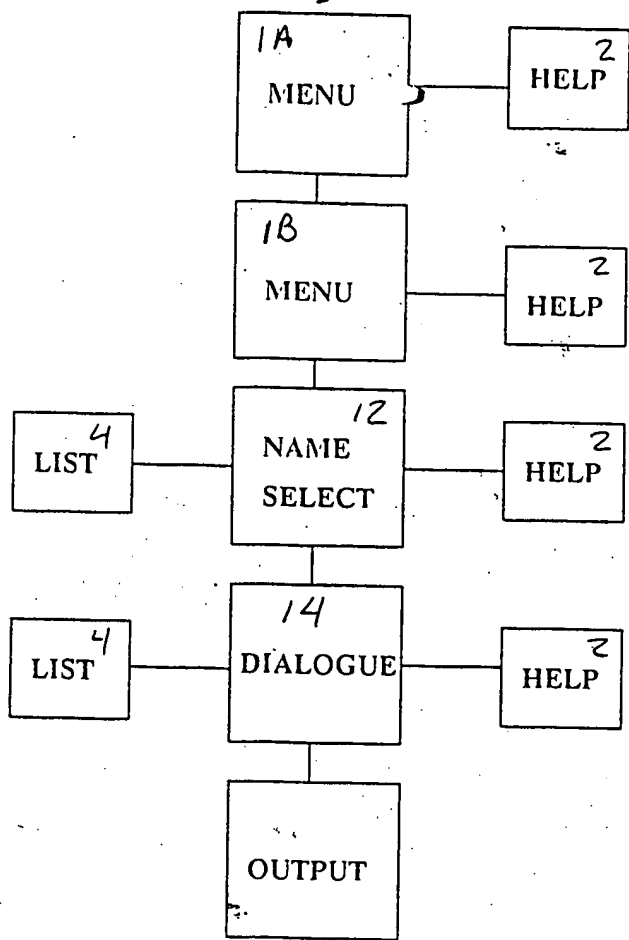


FIG. 1A

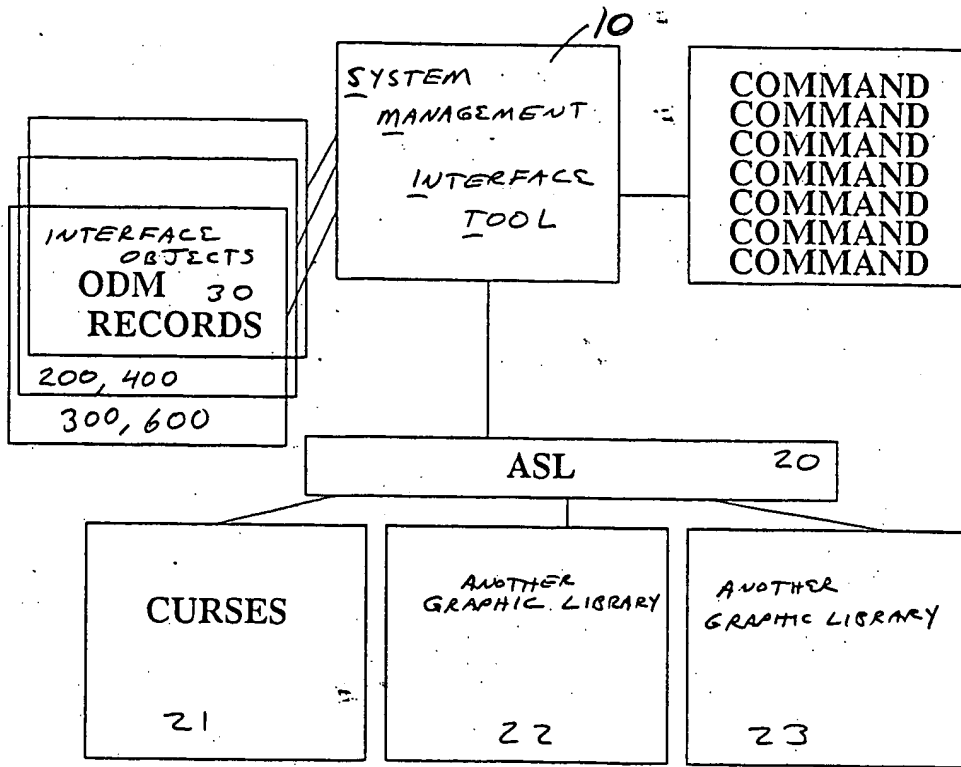


FIG. 1B

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300
SMIT DIALOGUE OBJECT CLASS (sm_cmd_opt)

Each dialogue (leaf) in the SMIT tree has an array of one or more options. Each option corresponds to a fields (parameter, option, or attributes) of the command that the dialogue performs.

```
struct sm_cmd_opt {
302 *id; /* symbolic key for object */
303 *id_seq_num; /* seq # for objects in this set */
304 *disc_field_name; /* output hdr from cmd_to_discover */
305 *name; /* field name */
306 *name_msg_file; /* Message Facilities catalogue for name */
307 name_msg_set; /* Message Facilities set id for name */
308 name_msg_id; /* Message Facilities message id for name */
309 op_type; /* method used to manage this field */
321 entry_type; /* type of entry allowed in this field */
322 entry_size; /* width of entry allowed in this field */
310 required; /* is/is not reqd. for each exec of cmd */
311 *prefix; /* AIX cmd flag for this option */
313 cmd_to_list_mode; /* amount of listed item to use */
312 *cmd_to_list; /* AIX cmd string for list of candidates */
323 cmd_to_list_postfix; /* where to get cmd postfix, if any */
324 multi_select; /* multiple select from list is/is not valid */
314 value_index; /* zero-origin index of value string, if ring */
315 *disp_values; /* current, default or allowed values */
316 *values_msg_file; /* Message Facilities catalogue for values */
317 values_msg_set; /* Message Facilities set id for values */
318 values_msg_id; /* Message Facilities message id for values */
319 *aix_values; /* current, default or allowed values */
320 help_msg_id; /* help system id for help text */
325 *cmd_to_VALIDATE /* AIX cmd string for validation */
};
```

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FIG. 3

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400

SMIT DIALOGUE HEADER OBJECT CLASS (sm_cmd_hdr)

There is a header for each dialogue in the SMIT tree.

```
struct sm_cmd_hdr {
402 *id; /* symbolic ID for object */
403 *option_id; /* pointer to dialogue object */
405 has_name_select; /* is/is not preceded by a "name selector" */
404 *name; /* descriptive command name (task) */
406 *name_msg_file; /* Message Facilities catalogue file */
407 name_msg_set; /* Message Facilities set id for name field */
410 name_msg_id; /* Message Facilities id for name field */
408 *cmd_to_exec; /* AIX command string to execute */
409 ask; /* assure that user wants to execute cmd */
413 exec_mode; /* command execution mode */
411 ghost; /* display or go straight to command */
412 *cmd_to_discover; /* cmd to fill in default/current values */
414 cmd_to_discover_postfix; /* where to get cmd postfix, if any */
415 name_size; /* size of name field; default used if = 0 */
416 value_size; /* size of value field; default used if = 0 */
417 help_msg_id; /* help system id/key for help text */
};
```

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FIG. 4

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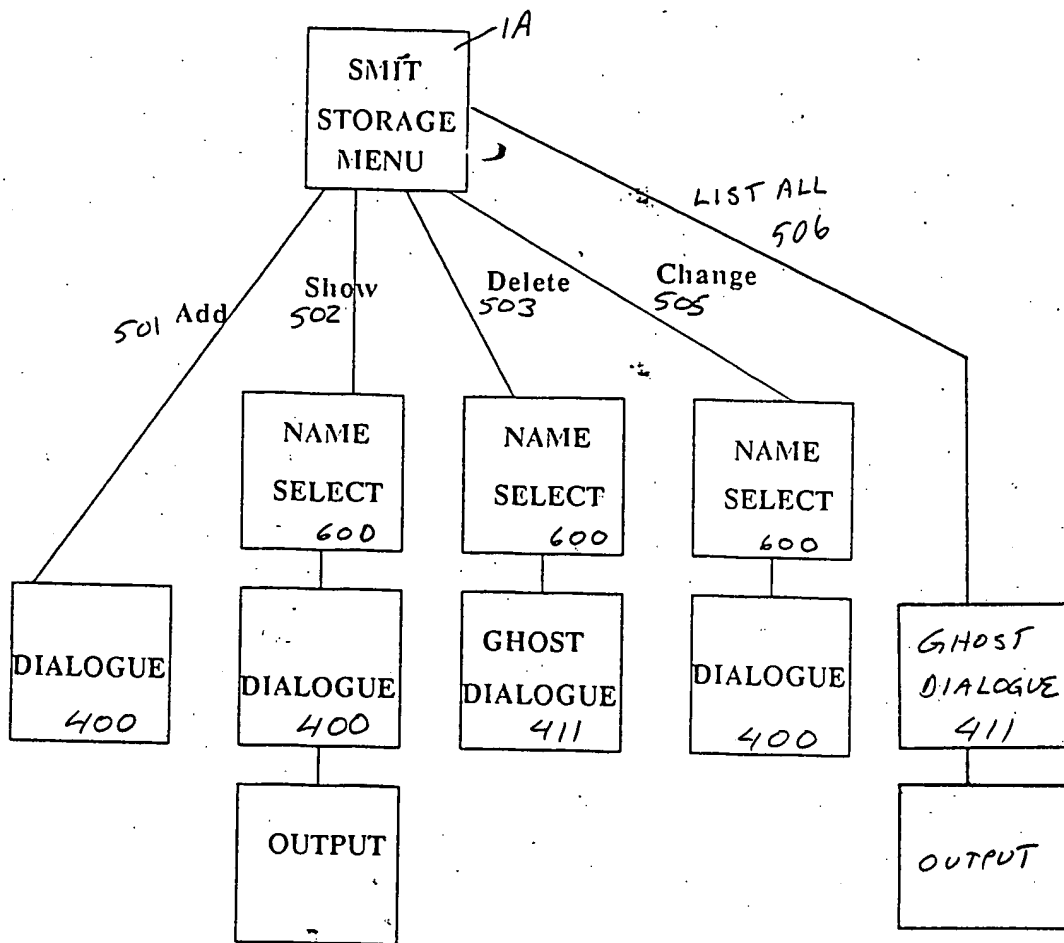


FIG. 5A

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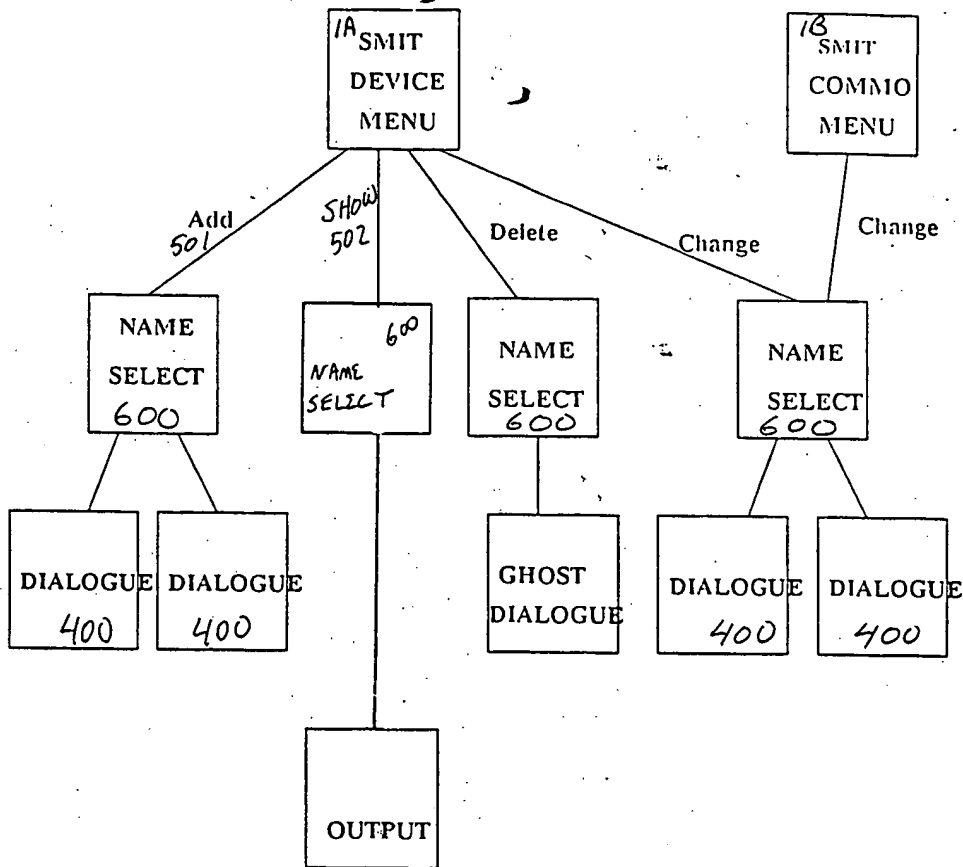


FIG. 5B

-600
SMIT NAME SELECT HEADER OBJECT CLASS (sm_name_hdr)

A name select header object may, if needed, be created for each dialogue that appears as the terminal node (leaf) in the SMIT application. This header points to one sm_cmd_opt object which is used to solicit an instance of the object upon which the subsequent dialogue will act. (See above for specification of that object.)

struct sm_name_hdr {

```

602 *id; /* symbolic key for object */
603 *next_id; /* symbolic key for next cmd_hdr object */
605 *option_id; /* symbolic key for name selector cmd_opt */
604 606 *name_msg_file; /* Message Facilities catalogue name */
607 name_msg_set; /* Message Facilities set_id for name */
608 name_msg_id; /* Message Facilities message id for name */
609 type; /* method to process name selected */
610 ghost; /* display or go straight to listing */
614 *cmd_to_classify; /* AIX cmd to classify name */
611 help_msg_id; /* help system id/key for help text */
};

```

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FIG. 6

CMD TO CLASSI- FY	HELP MSG ID

FIG. 7

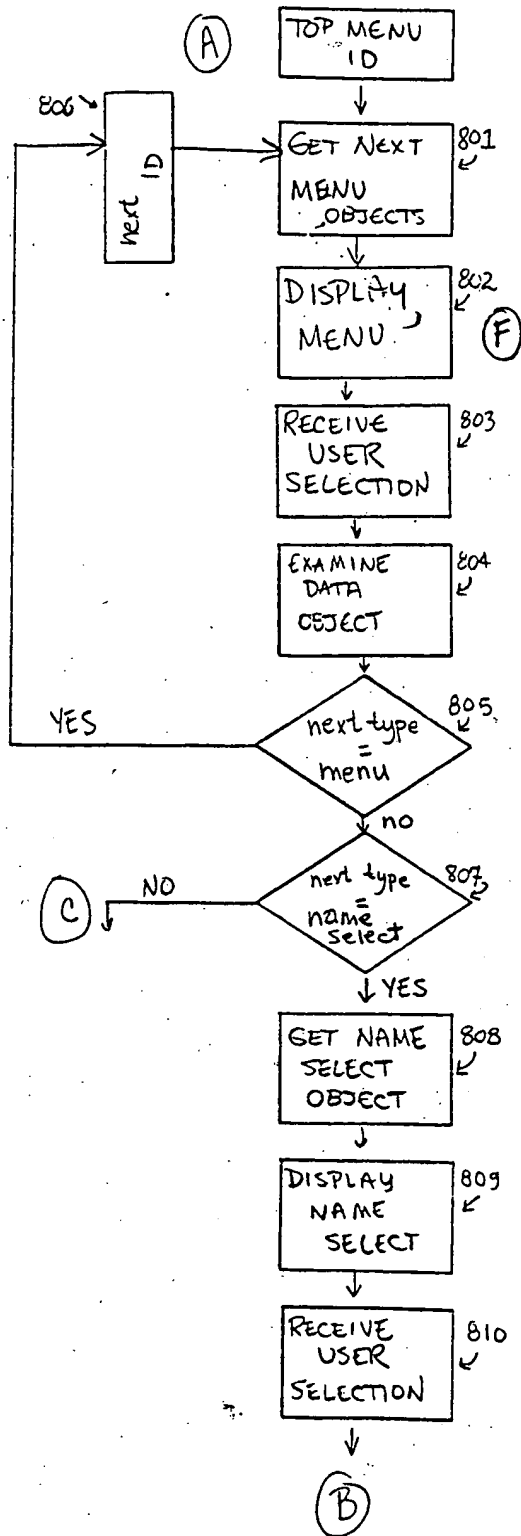


FIG. 8A

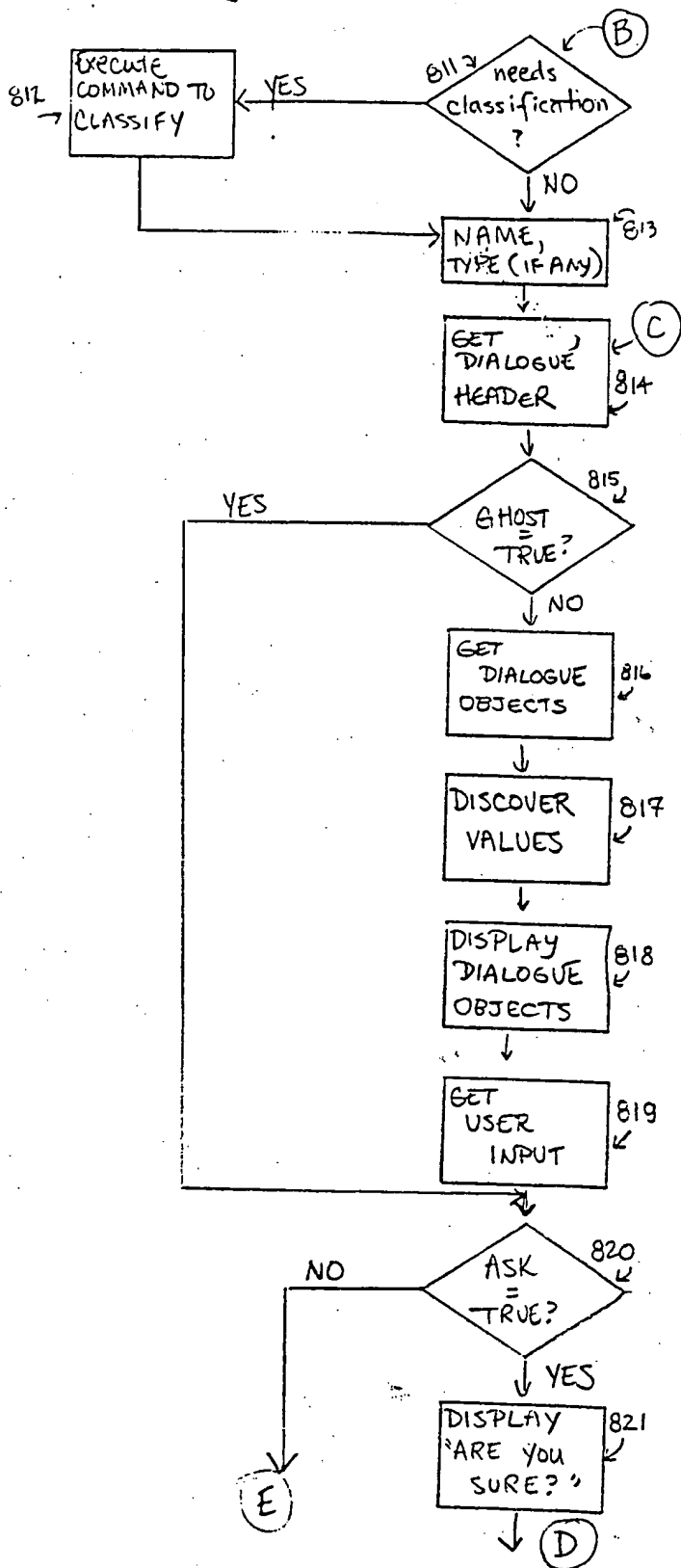


FIG. 8B

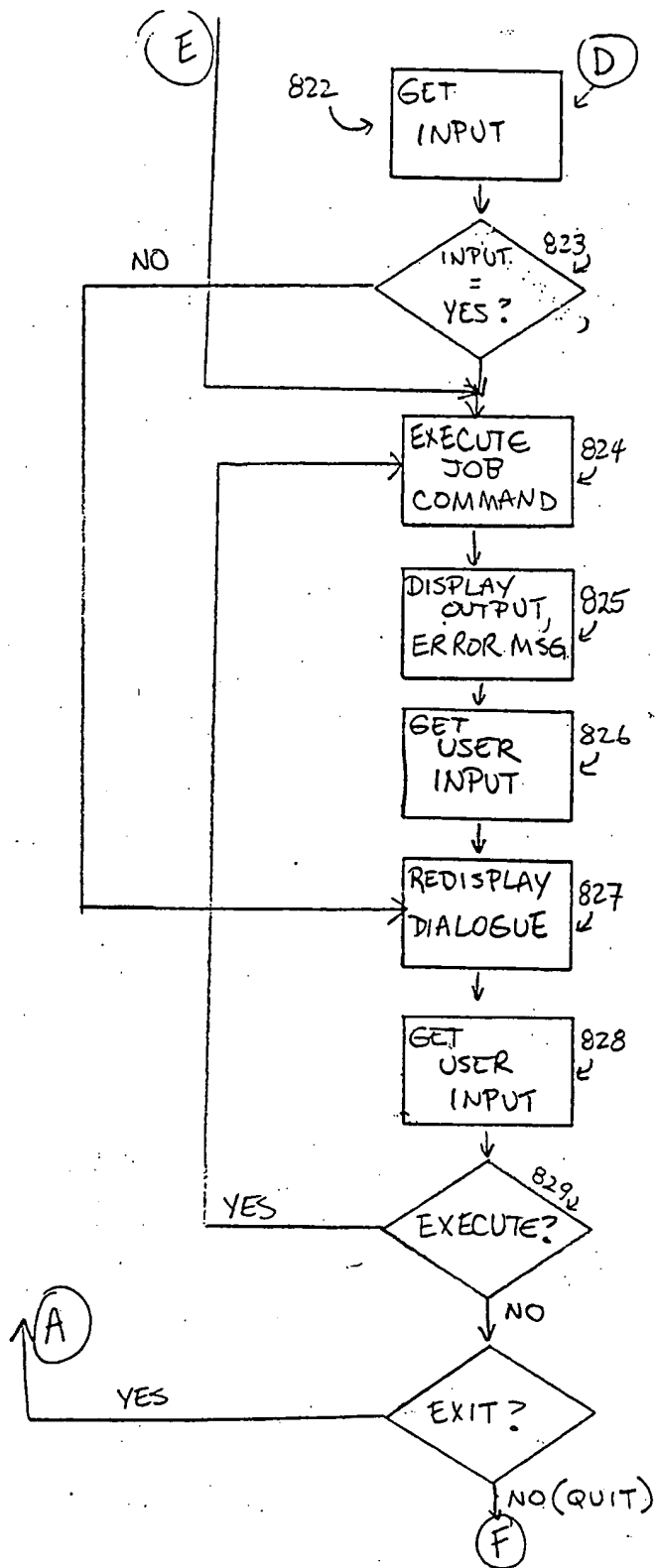


FIG. 8C

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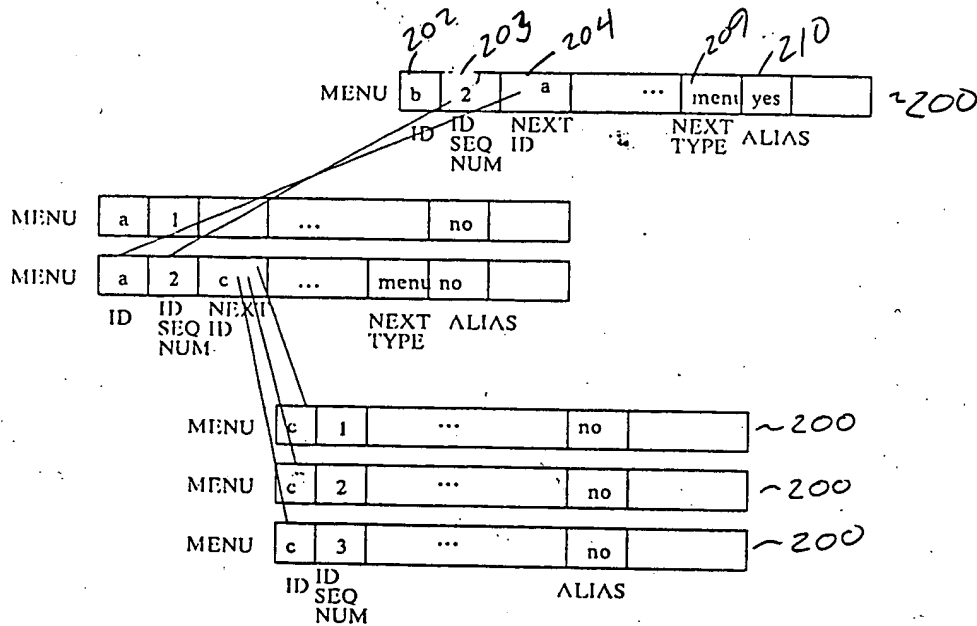


FIG. 9A

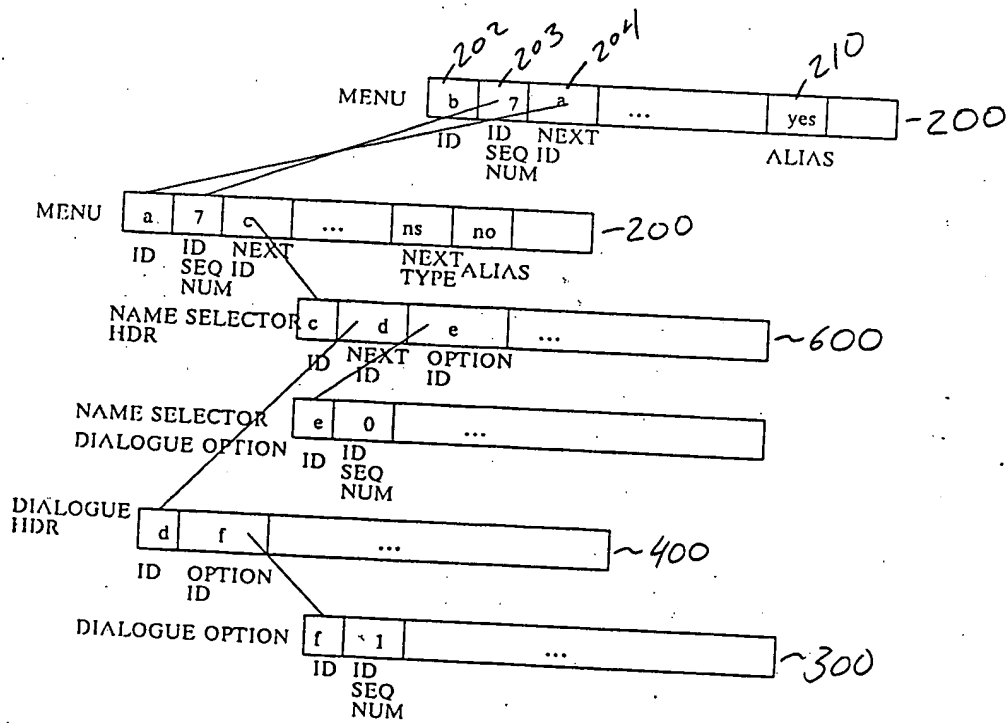


FIG. 9B

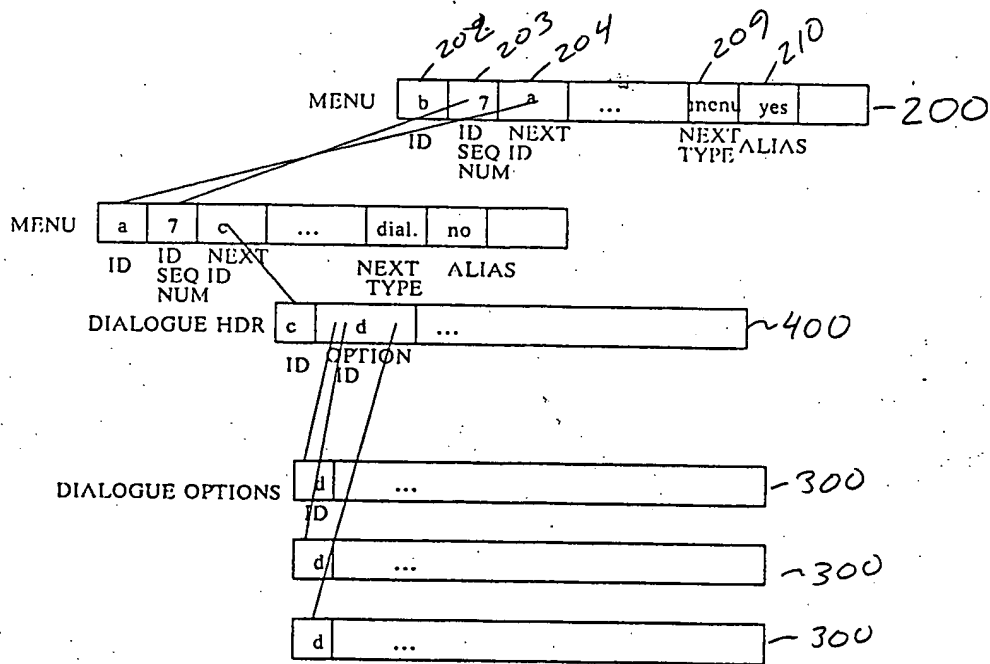
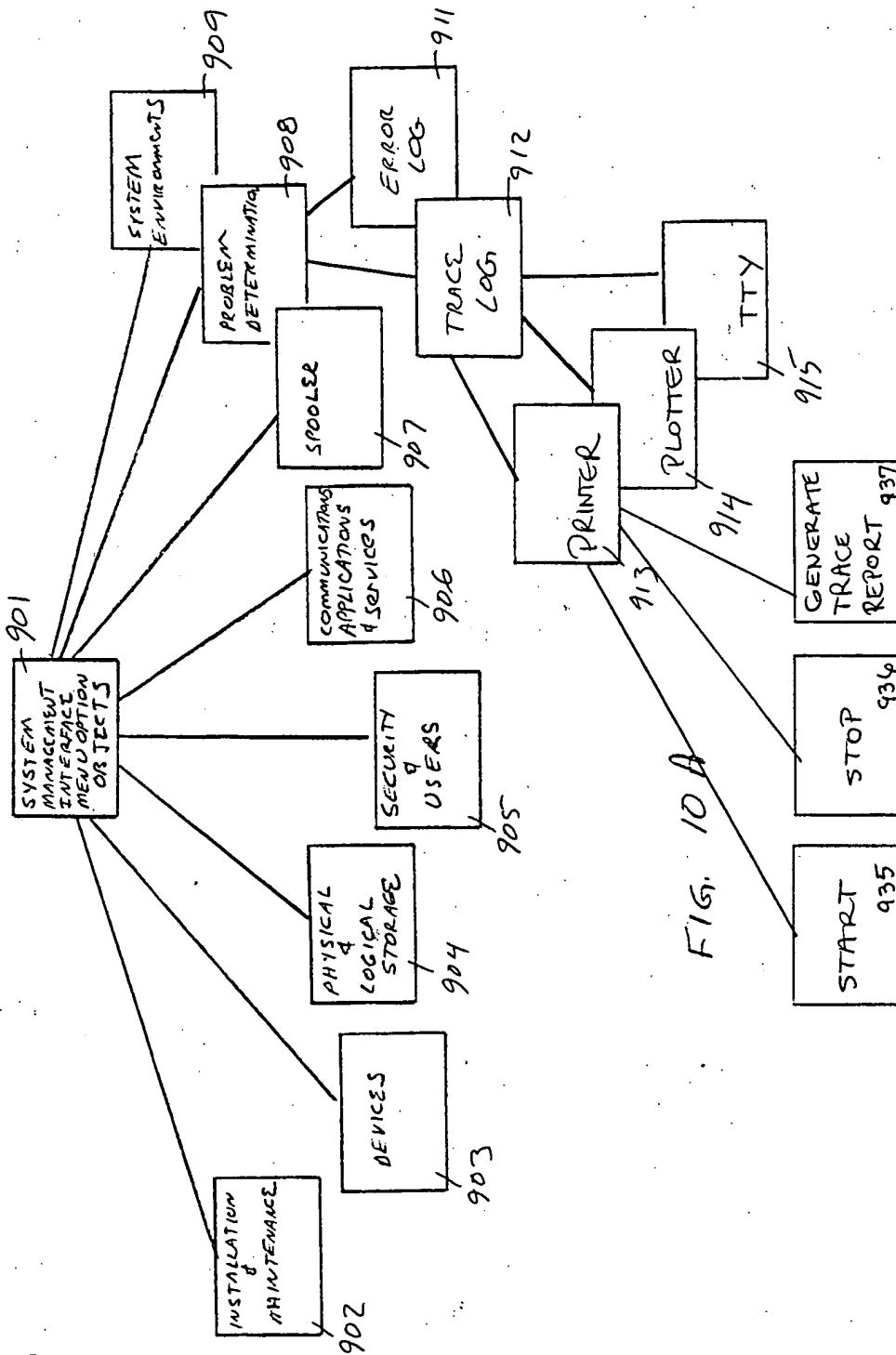


FIG. 9C



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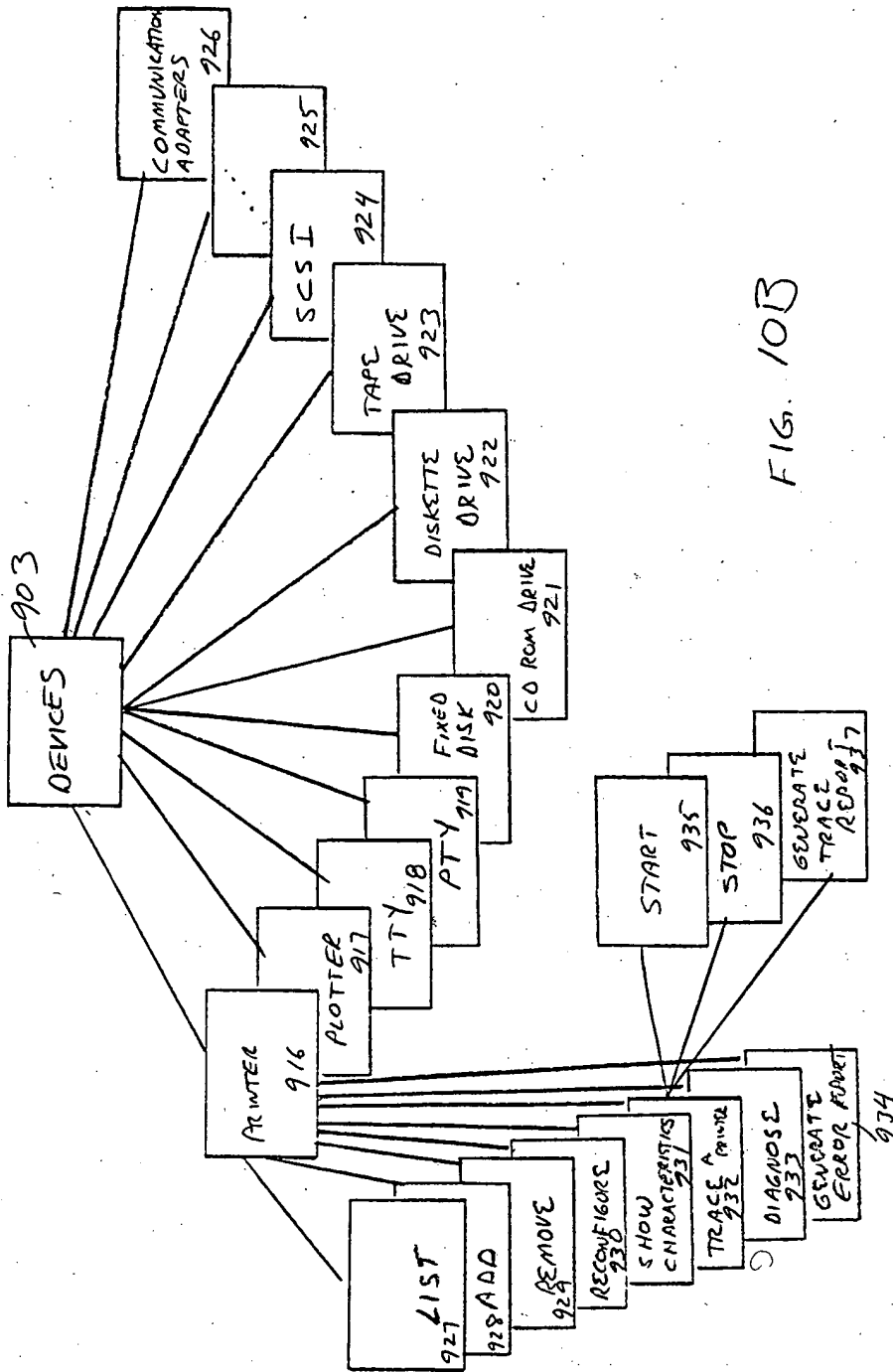


FIG. 10B

